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(51) Int. Cl.⁶ **H 04 B 7/204**

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FOR PATENTS AND TRADEMARKS

(12) **ABSTRACT OF INVENTION**

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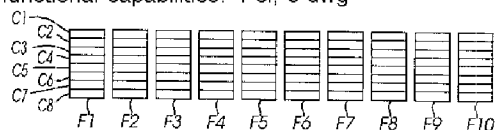
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(54) **RADIO COMMUNICATION SYSTEM**

(57) Abstract:

FIELD: radio communications including cellular systems mounted on mobile transport or used by walking pedestrians. SUBSTANCE: system has base station communicating with set of mobile stations by means of first set of channels to transmit sound and second set of channels for data transmission; first set of channels is a number of channel groups of similar frequency band to provide for operation of each group on separate frequency in frequency-division multiple access mode; all channels of same group are meant for operation at carrier frequency

using code-division multiple access. Each channel of second set can operate at carrier frequencies of first-set channels using code-division multiple access; frequency band of second-set channels corresponds to that shared by at least several groups of first-set channels. EFFECT: enlarged functional capabilities. 4 cl, 5 dwg



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